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45729 GATES & CO- 6701 CENTER I SUITE 1050 LOS ANGELES	OPER LLP DRIVE WEST	JAN	I be Start	Center of the ce	tificate o is Pec(s) with suffic Stop IS	of Mailing or Transport Transmittal is being cient postage for first	deposited with the United class mail in an envelope above, or being facsimile	
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		PADE	MARKOPT	····			(Signature) (Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTOR	NEY DOCKET NO.	CONFIRMATION NO.	
09/669,556	09/26/2000		David E. Simmen		S	79-99-184 US	4709	
OTTLE OF INVENTION ON AUTOMATIC SUM		ION TECHNIQUE FOR	OBTAINING IMPROVE PUBLICATION FEE DUE	D CARDINALITY PREV. PAID ISSUE		TOTAL FEE(S) DUE	DATE DUE	
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lease check the appropri	iate assignee category or	categories (will not be pr	inted on the patent):	Individual 🖸 Co	rporation	n or other private gro	up entity Government	
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a. Applicant claims	tus (from status indicated s SMALL ENTITY statu	ss. See 37 CFR 1.27.	b. Applicant is no long				R 1.27(g)(2).	
nterest as shown by the	records of the United Sta	ined) will not be accepted tes Patent and Trademark	Office.	ne abbricana: s te81	siereo au	CHAIRS OF ABEAU; OF the	e assignee or other party in	
Authorized Signature	10HF	4)		DateDece	mber 1	6, 2010		
Typed or printed name	George H. Gates	•		Registration N	o3.	3,500		
n application. Confident	liality is governed by 35 I application form to the ons for reducing this bur irginia 22313-1450. DO	11 S.C. 122 and 37 CFR	I IA This collection is est	imsted to take 10 s	nimutee te	a complete including	by the USPTO to process) g gathering, preparing, and the you require to complete rtment of Commerce, P.O. or Patents, P.O. Box 1450,	

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APPLICATION NO. FILING	FILING DATE		FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.					
09/669,556 09/26	/2000		David E. Simmen		ST9-99-184US 1	4709					
TITLE OF INVENTION: QUERY OPTIMIZATION TECHNIQUE FOR OBTAINING IMPROVED CARDINALITY ESTIMATES USING STATISTICS ON AUTOMATIC SUMMARY TABLES											
APPLN. TYPE SMALL ENTI	ry is	SUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSU	E FEE TOTAL FEE(S) DU	E DATE DUE					
nonprovisional NO		\$1510	\$0	\$0	\$1510	01/06/2011					
EXAMINER		ART UNIT	CLASS-SUBCLASS]							
NGUYEN, CINDY		2161	707-713000	•							
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Change of correspondence address Address form PTO/SB/122) attached.	or Change of	Correspondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,								
			(2) the name of a single	e firm (having as a	member a 2						
"Fee Address" indication (or "Fee APTO/SB/47; Rev 03-02 or more recent Number is required.	stion form e of a Customer	registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is 3 issted, no name will be printed.									
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International Business Machin	es Corporat	ion	Armonk, New Yor	k							
Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government											
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Issue Fee		A check is enclosed.									
Publication Fee (No small entity dis	×Λ	Payment by credit card. Form PTO-2038 is attached.									
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Typed or printed name George H.	Gates		Registration No. 33,500								
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